

10/520385
DT15 Rec'd PCT/PTO 03 JAN 2005

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 20239/0202029-US0

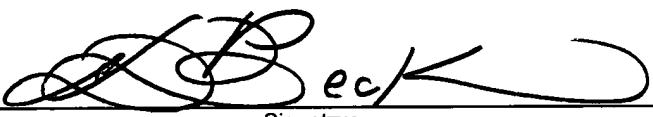
Certificate of Express Mailing Under 37 CFR 1.10

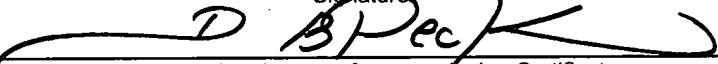
I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV382053875-05 in an envelope addressed to:

EV382053875-05

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on January 3, 2005
Date


Signature


Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pp)
Application Data Sheet (3 pp)
Copy of WO 2004/015756 A1 (19 pp)
Verification of Translation (1 pg) w/Translation of International Application No. PCT/JP2003/009706 (21 pp); Claims (2 pp); Abstract (1 pg)
Drawings (Figs. 1-4; 2 sheets)
First Preliminary Amendment (6 pp)
Executed Declaration and Power of Attorney (4 pp)
Recordation Form Cover Sheet (1 pg) w/Assignment (2 pp)
Information Disclosure Statement (2 pp); PTO/SB/08A (1 pg); ISR with three documents
Check No. 7179 in the amount of \$1,040.00
Return Receipt Postcard

VERIFICATION

The undersigned, of the below address, hereby certifies that he/she well knows both the English and Japanese languages, and that the attached is an accurate English translation of the PCT application filed on July 30, 2003 under No. PCT/JP2003/009706.

The undersigned declares further that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 20th day of December 2004

Signature:

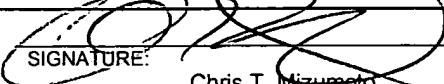
Name: Nobuhiro TAKAHASHI

Address: c/o Itami Works of Sumitomo Electric Industries, Ltd.
1-1, Koyakita 1-chome, Itami-shi, Hyogo, Japan

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 20239/0202029-US0
INTERNATIONAL APPLICATION NO. PCT/JP2003/009706	INTERNATIONAL FILING DATE 30 July 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/520385
TITLE OF INVENTION SUBMOUNT AND SEMICONDUCTOR DEVICE		
APPLICANT(S) FOR DO/EO/US Takashi Ishii et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98; PTO/SB/08A; ISR with three documents</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Certificate of Express Mailing Under 37 CFR 1.10; Copy of WO 2004/015756 A1; Check in the amount of \$1,040.00; Return Receipt Postcard</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. <small>if known, see 37 CFR 1.16</small> 10/520385		INTERNATIONAL APPLICATION NO. PCT/JP2003/009706		ATTORNEY'S DOCKET NUMBER 20239/0202029-US0																															
21. The following fees are submitted:																																			
<table> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee</td> <td>\$300.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td>\$200.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td>\$500.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td colspan="3">\$1000.00</td> </tr> </table>						<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00				<input checked="" type="checkbox"/>	b) Examination fee	\$200.00				<input checked="" type="checkbox"/>	c) Search fee	\$500.00				TOTAL OF ABOVE CALCULATIONS =			\$1000.00								
<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00																																	
<input checked="" type="checkbox"/>	b) Examination fee	\$200.00																																	
<input checked="" type="checkbox"/>	c) Search fee	\$500.00																																	
TOTAL OF ABOVE CALCULATIONS =			\$1000.00																																
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																			
<table> <thead> <tr> <th>Total Sheets</th> <th>Extra sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th>RATE</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> <td></td> <td></td> </tr> </tbody> </table>						Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			- 100 =	/50 =		x \$250.00																				
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																
- 100 =	/50 =		x \$250.00																																
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).																																			
<table> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>10 - 20 =</td> <td></td> <td>x</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td></td> <td>x</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td colspan="2">\$ 1,000.00</td> </tr> </tbody> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	10 - 20 =		x	\$ 0.00		Independent claims	1 - 3 =		x	\$ 0.00		MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+	\$	TOTAL OF ABOVE CALCULATIONS =				\$ 1,000.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																
Total claims	10 - 20 =		x	\$ 0.00																															
Independent claims	1 - 3 =		x	\$ 0.00																															
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+	\$																														
TOTAL OF ABOVE CALCULATIONS =				\$ 1,000.00																															
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																																			
SUBTOTAL = \$ 1,000.00																																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).																																			
TOTAL NATIONAL FEE = \$ 1,000.00																																			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																			
TOTAL FEES ENCLOSED = \$ 1,040.00																																			
<table> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>						Amount to be refunded:	\$	Amount to be charged:	\$																										
Amount to be refunded:	\$																																		
Amount to be charged:	\$																																		
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,040.00 to cover the above fees is enclosed.																																			
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																																			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.																																			
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																																			
SEND ALL CORRESPONDENCE TO:																																			
Peter C. Schechter																																			
DARBY & DARBY P.C.																																			
P.O. Box 5257																																			
New York, New York 10150-5257																																			
(212) 527-7723																																			
CUSTOMER NUMBER: 07278																																			
 SIGNATURE: _____ NAME: _____ 42,899 REGISTRATION NUMBER: _____																																			